

### ABSTRACT

An optical information recording/reproducing apparatus generates information light by modulating light emitted by a light source device with a light modulator depending on the information to be recorded and generates reference light for recording by modulating the light emitted by a light source device with a light modulator. The information light and the reference light for recording are projected upon an optical information recording medium such that they converge in different positions, and information is recorded in a hologram layer in the form of an interference pattern between the information light and the reference light for recording.